

Active Recombinant Human IL33 protein, His-tagged

Cat. No. IL33-310H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL33 protein(NP_254274.1)(His109-Thr270) is expressed from HEK293 with His tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	109-270 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human IL-1RL1, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-33, His Tag with the EC50 of 1.93µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 19.43 kDa. Due to glycosylation, the protein migrates to 26-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL33 interleukin 33 \[Homo sapiens \]](#)

Official Symbol [IL33](#)

Synonyms

IL33; interleukin 33; C9orf26, chromosome 9 open reading frame 26 (NF HEV); interleukin-33; DKFZp586H0523; DVS27; DVS27 related protein; IL1F11; interleukin 1 family; member 11; NF HEV; nuclear factor for high endothelial venules; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor from high endothelial venules; NF-HEV; NFEHEV; C9orf26; RP11-575C20.2;

Gene ID [90865](#)

mRNA Refseq [NM_001199640](#)

Protein Refseq [NP_001186569](#)

MIM [608678](#)

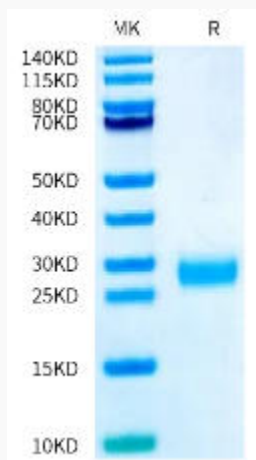
UniProt ID [O95760](#)

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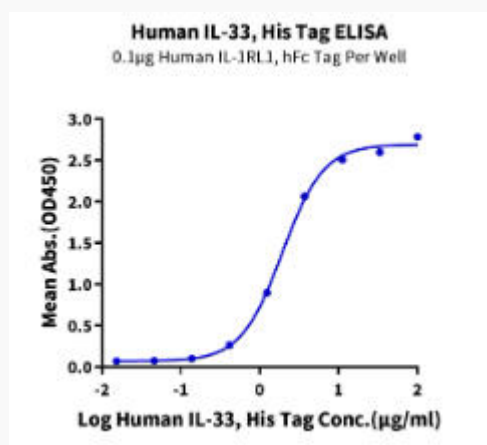
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Bis-Tris PAGE



ELISA Data



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